

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignits 22313-1450 www.usplo.gov

ih Dam Shoot

CONFIRMATION NO. 8471

SERIAL NUMBER 10/743,129	FILING DATE 12/23/2003 RULE	CLASS 365	GROUP ART UNIT 2824		INIT	ATTORNEY DOCKET NO. 246923US2		
APPLICANTS								
Katsuhiko Hayashi, Tokyo, JAPAN;								
CONTINUING DATA								
** FOREIGN APPLICATIONS ************************************								
IF REQUIRED, FOREIGN FILING LICENSE GRANTED DN ** 08/07/2004								
				ETS	TOTAL		INDEPENDENT	
ves no wet atter Allowance				MNG 5	•		CLAIMS 3	
ADDRESS 22850 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA , VA 22314								
TITLE Magnetoresistive effect element and memory device using the same								
				All Fees				
	FEES: Authority has been given in Pa Noto charge/credit DEP	,		1.16 Fees (Filing)				
1		Paper EPOSIT ACCOUNT		1.17 Fees (Processing Ext. of time)				
	o for following:			1.18 Fees (Issue)				
				Other				